

Security Audit - Telecommunication Corporation

Introduction

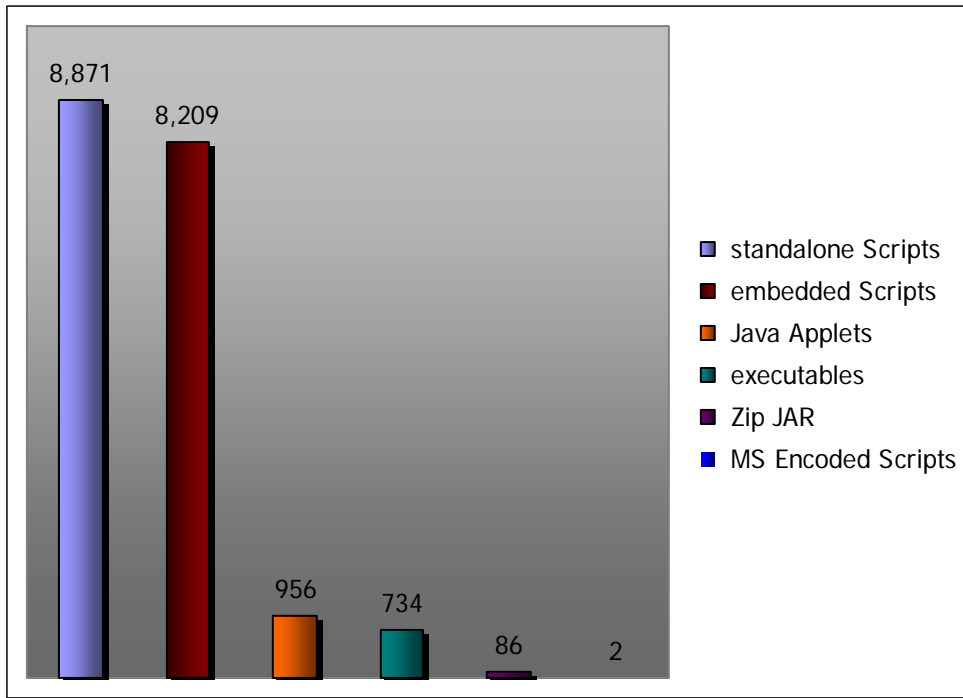
This analysis is based on a security audit that was performed during the second quarter of 2005 for a telecommunications company. Live Internet access information was gathered during a period of one week and was based on the surfing activities of 15,000 users.

Finjan's Vital Security™ web security solution was installed using Finjan's recommended security policy (default policy). All content downloaded during this period was scanned by Finjan's Vital Security™ Web appliance.

The log files were then analyzed by experts from Finjan's Malicious Code Research Center (MCRC). The main findings are presented below.

Main Findings

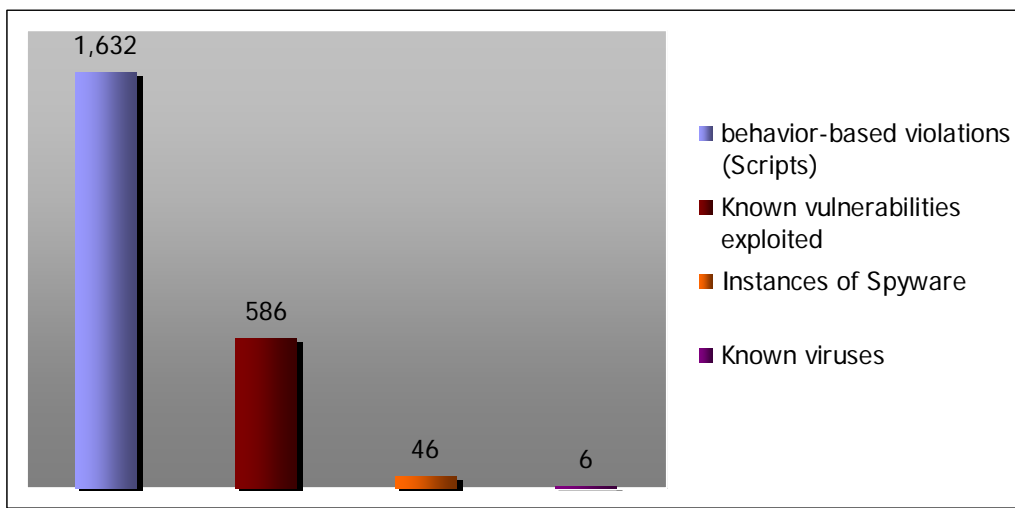
The following charts and tables display statistics showing the quantity of each content type that violated the security policy (total of 18,858 active content objects out of a total of 272,000 HTTP transactions – 6.9% of traffic).



Security Violation Breakdown

The following table provides quantitative information regarding the nature of the security violation:

Quantity	Nature of Violation
1,632	Behavior-based policy violations on Scripts
586	Instances of 15 known vulnerability exploits
46	Instances of Spyware
6	Known viruses



Conclusions

Traditional signature-based Anti-Virus products, heuristic-based Anti-Virus products or URL Filtering products are incapable of preventing complex malicious code attacks which may use multiple propagation techniques.

Since Active Content is being used by legitimate business applications as well as Malware, behavior-based gateway security solutions, such as Vital Security™ web appliance, are required to analyze Active Content in order to determine its true behavior.

Finjan's Vital Security™ solutions provide superior protection against complex web-borne attacks, such as Spyware, Phishing/Pharming, Trojans and malicious code.

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